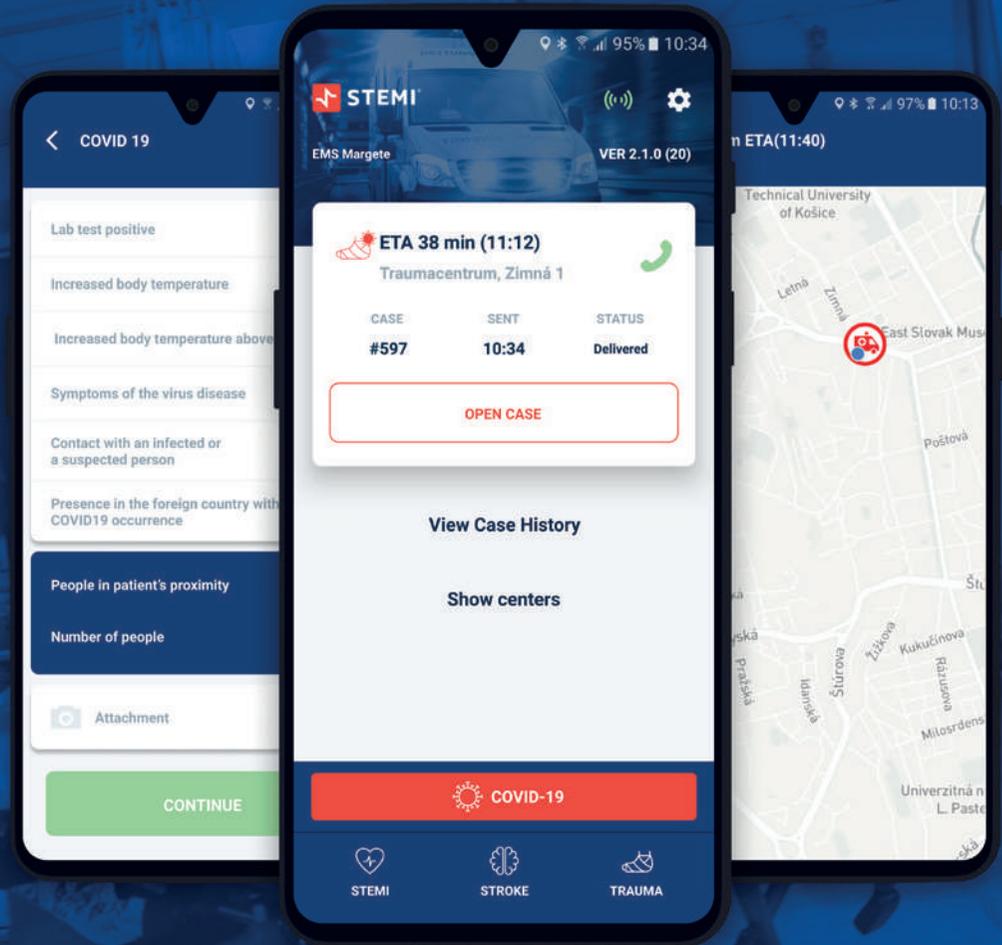


Protect Your Hospital Staff

COVID-19 Patient Management





The COVID-19 pandemic

The COVID-19 pandemic has put your hospital and health service both into the front line and onto the front page of the news. Absolutely essential to successfully dealing with COVID-19 is the protection of your medical staff. If significant numbers of your medical staff become infected, then the medical system will fail – with potentially catastrophic results for the people that you serve!

What is the biggest risk to your hospital staff?

Quite simply put, the biggest risk to your hospital staff right now, is that an infected patient is brought into the hospital and infects the people working there.

The patient could believe themselves to be a COVID-19 patient. They could also be entering the hospital due to some other medical emergency and not even be aware that they suffer from COVID-19!



How to deal with this risk?

Every country or region is developing their own solution based on the available resources. However, a common factor is always the need to separate the infected from those who are not infected. This may seem simple, but it isn't.

COVID-19 Patient:

A patient believes that they have COVID-19. The ambulance brings the patient to your specialist treatment center for a test and then treatment.

Other Emergency:

The ambulance is responding to an emergency call (e.g.: myocardial infarction, stroke, trauma). This patient may also be infected with COVID-19. The emergency (myocardial infarction, stroke, trauma) needs to be dealt with – but all contact with

this patient needs to be made by medical staff who are suitably prepared and protected.

Every patient entering the hospital is potentially a COVID-19 victim – whether they are aware of it or not.

It is simply not practical to have everyone who works in the hospital fitted out with the prescribed protective equipment for contact with a person who is suspected or infected with COVID-19.

The key to protecting your staff and still providing a good health service is to ensure that your staff are aware of potential COVID-19 patients before they enter the hospital. Then the necessary precautions can be taken before the patient arrives.

Here is an example of the protective equipment for contact with a person suspected or infected with COVID-19:



Prescribed protective equipment in contact with suspect or infected person COVID-19:

- *Whole body overall, covering hair*
- *Shoe cover*
- *Eye protection (glasses), nose and mouth protection (N95 respirator)*
- *Protective shield*
- *Gloves*

In short, a hazard suit.



Introducing the STEMI Communication Platform Solution to Enable Better Patient Management

STEMI Global produces a proven communication platform that allows for improved integration of Emergency Medical Teams in the field and Hospitals. In response to the COVID-19 pandemic, STEMI Global has expanded their current communication platform to include a specially designed COVID-19 Module.

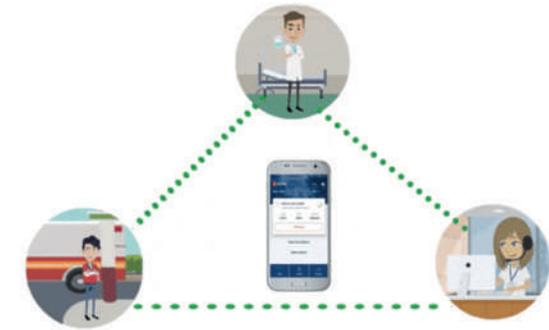
The module supports the paramedic in the field in correctly identifying a potential COVID-19 patient and informing the hospital (personnel) in advance.

The paramedic can use it when a patient is suspected of COVID-19, or with another emergency (myocardial infarction, stroke,

trauma) when COVID-19 is just a potential “side disease”. In either case, the paramedic informs the hospital while still in transit, that the victim is a potential COVID-19 patient. They can consult with doctors or specialists before the patient arrives at the hospital.

In the first scenario, the potential COVID-19 patient is taken immediately to your dedicated COVID-19 Unit.

In the second scenario, hospital team is aware of the incoming emergency and can prepare in advance. The life-saving medical procedure can be performed in safety without delay. Afterwards, the patient is taken to the COVID-19 unit for further care.



In summary:

The STEMI communication platform allows you to better manage your incoming patients. By identifying suspected COVID-19 patients before they even enter your hospital, it is easier to:

- Properly protect your staff
- Prepare your emergency treatment team in time for the patient’s arrival
- Let your emergency treatment team work as normal for “safe” patients

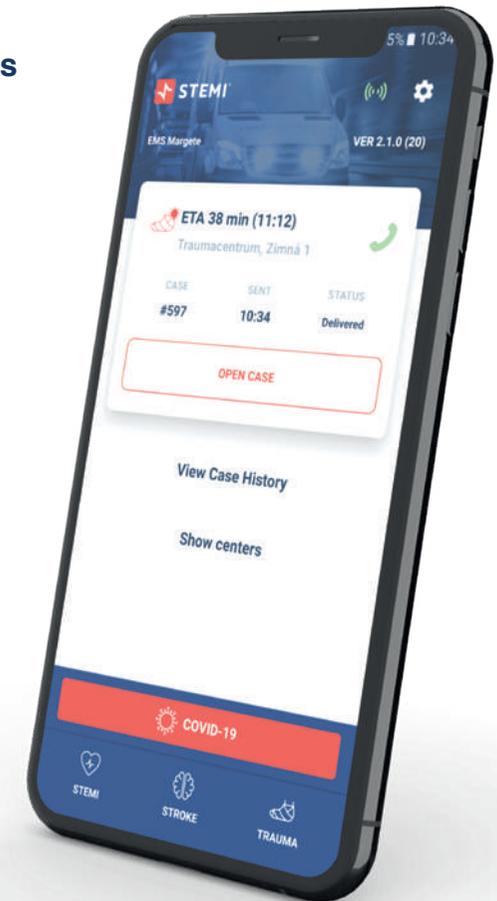


What benefits does the COVID-19 module of the STEMI communication platform offer?

-  The paramedic in the field can see in real time which is the closest available COVID-19 Unit and their current capacity
-  The hospital receives information about the incoming patient and can prepare accordingly
-  The medical staff at the hospital can see the COVID-19 Assessment Card (completed by the paramedic) and can evaluate the paramedic's reasons for suspecting a COVID-19 case
-  The paramedic's assessment of the number of endangered persons is available
Immediate telephone contact is possible between the hospital and the emergency services team

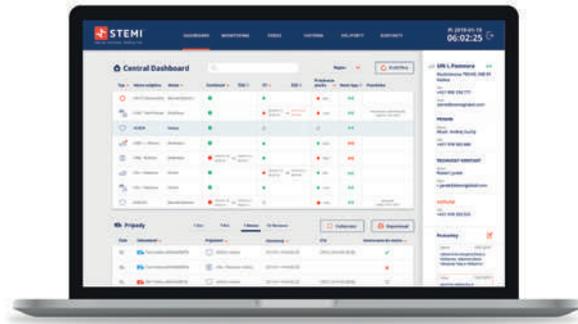
To support the hospital and health service's ability to deal with the COVID-19 pandemic, the communication platform produces real-time and daily/weekly/monthly reports which show:

-  Each hospital's availability
-  The number of cases currently being managed by each hospital unit
-  Average hospital response times
-  Current hotline hospital contacts
-  The estimated number of people in contact with the patient who are also potentially infected





Proven Technology:

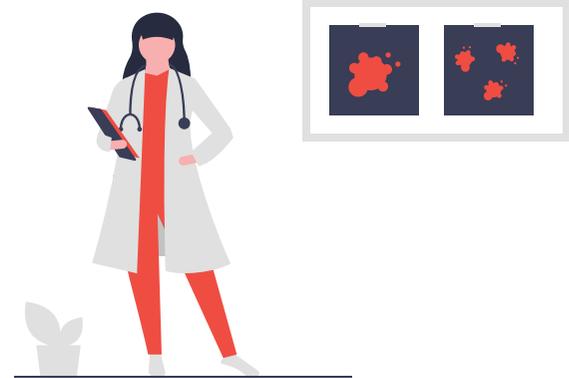


The STEMI communication platform is proven in clinical practice and positively evaluated by both hospital staff and paramedics in the field. The system complies with GDPR and does not interfere in any way with the personal rights of patients or healthcare professionals. It doesn't negatively interfere or compete with any „in use“ ambulance or hospital IT systems.

If required, it can be rapidly developed further with **functionalities such as:**

- Mapping the number of COVID-19 patients geographically.
- Enabling online video communication and chats between paramedics (or patient in the field/ambulance) and hospital center
- Informing the emergency medical team in the field to the EMS headquarters of the need for protective equipment replacement
- Further customization according to your specific needs...

This lifesaving technology can be deployed quickly, efficiently, and without a significant financial investment.



Current users of the STEMI communication platform find it easy to use. They also find it to be a significant help and advantage in providing a better health care service.

Don't delay! Protect your crucial medical staff today...

*Contact us today [info@stemiglobal.com] to get more information on how the STEMI communication platform can help to protect your critical medical staff by improving patient management or request a **FREE demonstration.***



Testimonials



This is amazing. My respect for it. This ECG consultation is really helpful."

Radovan Stadther, M.D., urgentist, EMS Falck



The app STEMI is working well, reliably. It is possible to use it in real clinical practice. I see a few variants how the app can be used over time."

Testing of app STEMI

Rasto Kucinsky M.D., interventional cardiologist, Klamath Heart Clinic, OR, USA



We have been using STEMI since 2017 and in comparison with the ECG telemetry, the effect is excellent. App STEMI enables immediate picture and voice communication with a cardiologist in a Heart Center who can see where the ambulance is located at that moment and can see the ETA. While waiting on the response, the EMS staff can prepare the patient. App STEMI significantly helps paramedics in the myocardial infarction diagnostics. We have seen an increase in direct transportation from the field to the Heart Center and an elimination of stops "in between" at local hospitals for the purpose of myocardial infarction diagnostics. The ECG - PCI interval has been shortened and consequently the total ischemic time, too."

MUDr. Táňa Bulková, PhD., the president of Slovak Society of Urgent Medicine and Disasters Medicine

Thank you for saving my life. I had a heart attack with cardiac arrest. I have survived resuscitation and speedy transportation to the Cardiocenter in Prešov thanks to the application STEMI. I cross my fingers for the application so it can help others."

Milan Fabrici, 38-year-old patient, Spišská Nová Ves, Slovakia

STROKE module represents a clear benefit for a patient with suspected stroke. It urgently mobilizes all the necessary parts of anamnestic, diagnostic and therapeutic procedures while benefiting the patient. It minimizes the ischemic time which is a key to the extend, character and reversibility of the damage to the brain tissue."

PhDr. Valéria Horácková, a paramedic, Košice Emergency

Platform Users

Institutions



Neurocenters



EMS Companies



Cardiac centers





Contact

Don't delay!

Contact us today to find out how to use the proven STEMI communication platform to protect your crucial hospital staff during the COVID-19 pandemic, or to request a FREE demonstration



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